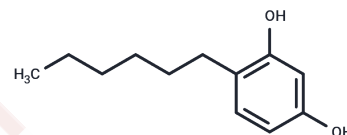


Hexylresorcinol

Chemical Properties

CAS No. :	136-77-6
Formula:	C ₁₂ H ₁₈ O ₂
Molecular Weight:	194.27
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Hexylresorcinol (4-Hexylresorcinol) is a substituted dihydroxybenzene utilized topically as an antiseptic for minor skin infection treatment.
Targets(IC50)	Apoptosis,Antibacterial,Parasite,Tyrosinase

Solubility Information

Solubility	Ethanol: 36 mg/mL (185.31 mM),Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 50 mg/mL (257.37 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1475 mL	25.7374 mL	51.4748 mL
5 mM	1.0295 mL	5.1475 mL	10.295 mL
10 mM	0.5147 mL	2.5737 mL	5.1475 mL
50 mM	0.1029 mL	0.5147 mL	1.0295 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Kweon H, et al. Biomaterials. 2014 Oct;35(30):8576-84.

Chen F, Shi Q, Pei F, et al. A systems-level study reveals host-targeted repurposable drugs against SARS-CoV-2 infection. Molecular Systems Biology. 2021, 17(8): e10239

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